IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

REVOCATION AND GRANT OF POWER OF ATTORNEY; CHANGE OF CORRESPONDENCE ADDRESS; CHANGE OF ATTORNEY DOCKET NUMBER; AND STATEMENT UNDER 37 CFR 3.73(b)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Revocation/Grant of Power of Attorney

Google Inc, the owner by assignment of all right, title, and interest in and to the U.S. patent applications listed on the attached Exhibit A (hereinafter "the listed applications"), hereby revokes all powers of attorney heretofore granted for the listed applications and hereby appoints the practitioners associated with **Customer Number 14925** as the attorneys of record therein, with full power of substitution and revocation, to prosecute the listed applications and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Change of Correspondence Address

Please direct all future correspondence in the listed applications to William O. Isaacs, II at the address associated with the customer number provided above.

Change of Attorney Docket Number

Please reference the respective Attorney Docket Number indicated in Exhibit A for each of the listed applications on all future correspondence in the listed applications.
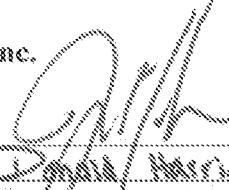
Statement Under 37 CFR 3.73(b)

Assignee, Google Inc., a corporation of the State of Delaware, having a place of business at 1600 Amphitheatre Parkway, Mountain View, CA 94043, certifies that it is the assignee of the entire right, title, and interest in and to each of the listed applications by virtue of a chain of title from the respective inventor(s) of the subject matter disclosed and claimed therein. The

reel/frame numbers of the relevant assignment documents are provided in Exhibit A for each of the listed applications.

The undersigned is empowered to sign this Revocation and Grant of Power of Attorney on behalf of the Assignee.

Date: July 21, 2011

Google Inc.

By: _____

Name: Donald Harrison

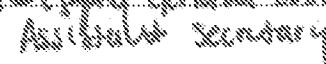Title: VP, Deputy General Counsel & Assistant Secretary

EXHIBIT A
GOOGLE INC. APPLICATIONS FOR SPECIFIC POWER OF ATTORNEY

APPLICATION NO.	FILING DATE	TITLE	ASSSIGNMENT REEL/FRAME	ATTORNEY DOCKET NO.
12/193,129	08/18/2008	Method and System for Providing Adaptive Checkout Buy Flows	021402/0025	GOOG-0003
12/267,655	11/10/2008	Method and System for Communicating Payment Information in a Normalized Format	021808/0126	GOOG-0009
12/349,577	01/07/2009	Method and System for Providing a Digital Money Infrastructure Using Mobile Telephony	022067/0602	GOOG-0010
12/344,689	12/29/2008	Method and System for Identifying and Displaying Tasks Required to Process Orders	022031/0965	GOOG-0011
12/478,813	06/05/2009	Algorithmic Pricing of Digital Products	022785/0364	GOOG-0016
12/396,871	03/03/2009	Directional Information in Contextual Advertising	022337/0868	GOOG-0017
11/025,861	12/29/2004	Generating and/or Using a Shopping Session Summary	016337/0743	GOOG-0018
11/025,892	12/29/2004	Generating and/or Serving Dynamic Promotional Offers Such as Coupons and Advertisements	016596/0988	GOOG-0018-1US
12/794,164	06/04/2010	Method and System for Crediting a Retailer for an Internet Purchase	024487/0843	GOOG-0020
12/720,082	03/09/2010	Method and System for Detecting Fraudulent Internet Merchants	024051/0250	GOOG-0021
12/727,486	3/19/2010	Method and System for Creating an Online Store	024108/0328	GOOG-0026
10/572,345	09/19/2003	Method for Carrying Out an Electronic Transaction	018582/0067	GOOG-0050
13/070,344	03/23/2011	Local Shopping and Inventory	026081/0320	GOOG-0056
12/950,655	11/19/2010	Online Store Having Dynamic User Interface for Displaying Product Variants	025764/0435	GOOG-0059
61/424,610	12/17/2010	Digital Wallet	025890/0135	GOOG-0061P
61/424,611	12/17/2010	Digital Wallet	025890/0228	GOOG-0062P
12/834,501	07/12/2010	Distributing Content Based on Transaction	024667/0436	GOOG-0064

APPLICATION NO.	FILING DATE	TITLE	ASSSIGNMENT REEL/FRAME	ATTORNEY DOCKET NO.
		Information		
61/364,780	07/15/2010	Point of Sale Data Collection	024960/0464	GOOG-0066P
12/859,022	08/18/2010	Content Extractor	025041/0717	GOOG-0072
13,045,973	03/11/2011	Aggregating Product Information for Electronic Product Catalogs	026032/0561	GOOG-0074
61,382,019	09/12/2010	Automatic Detection of Strong Identifier Quality Issues in Merchant Data	025236/0328	GOOG-0082P
12/915,182	10/29/2010	Universal Shopping Cart	025385/0842	GOOG-0083
13/081,033	04/06/2011	Mining for Product Classification Structures for Internet-Based Product Searching	026161/0774	GOOG-0084
12/906,118	10/17/2010	E-Commerce Price Index	025236/0572	GOOG-0085
13/165,761	06/21/2011	Hosted Product Recommendations	026527/0456	GOOG-0086
12/607,005	10/27/2009	Systems and Methods for Authenticating an Electronic Transaction	023962/0573 025214/0761 025242/0766	GOOG-0093
12/788,173	05/26/2010	Systems and Methods for Using a Domain-Specific Security Sandbox to Facilitate Secure Transactions	025228/0462	GOOG-0094
61/419,799	12/03/2010	Multiple Interaction Per Tap Contactless Payment System	025889/0848	GOOG-0109P
13/025,837	02/11/2011	Providing Content Based on Receipt Information	025801/0241	GOOG-0112
13/080,483	04/05/2011	Transferring Money Using a Mobile Electronic Device	026556/0521	GOOG-0131
13/069,364	03/22/2011	Display of Popular, In-Stock Products of A Merchant	026548/0800	GOOG-0138
13/075,538	03/30/2011	Method and System for Providing Adaptive Checkout Buy Flows	026131/0287	GOOG-0142
13/111,681	05/19/2011	Aggregating Product Endorsement Information	026316/0910	GOOG-0210